

Can we create mass from energy and is it possible to make anti nuclear reactor????

Einstein's equation:

$$E = m \cdot c^2$$

According to Einstein's famous equation $E = mc^2$, the energy E of a physical system is numerically equal to the product of its mass m and the speed of light c squared. It is customary to refer to this result as “the equivalence of mass and energy,” or simply “mass-energy equivalence,” because one can choose units in which $c = 1$, and hence $E = m$.

In nuclear reactors we create energy from mass, but on accelerators, like LHC, physics create mass from energy. For example, if 2 protons with energies 8 TeV collide we observe about 1000 particles. So, yes, we can create mass from energy. In this definition we can call accelerator “anti-nuclear reactor”.